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MAY 9 1960

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*File*

9 May 1960

MEMORANDUM FOR: Director, PIC  
THROUGH: Chief, TISD *JMC/PW*  
SUBJECT: Discussion of Camera Calibration

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1. On 5 May 1960, [REDACTED] DDP/TSS, visited PIC concerning camera calibration. Ken made the following statements:

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a. That [REDACTED] would like a camera calibrator [REDACTED] to enable calibration of cameras that are not under the direct control of TSS.

25X1C

b. That a camera calibrator should be at Headquarters (D.C.) to calibrate cameras that TSS does not control.

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c. That in order to save time the [REDACTED] calibrator should be modified or simplified for focal length determination only. [REDACTED] felt that lens distortion was not imperative in most instances.

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d. That they have several cameras ready to calibrate and would like to start calibration production.

2. My reply to Ken for each of his inquiries were as follows:

a. For "a" I agreed wholeheartedly.

b. For "b" I again agreed, providing we did the calibration. This remark is based on the fact that we have a comparator-computer capability.

c. For "c" that modification of the [REDACTED] calibrator would not necessarily save time. Time consumed in making exposures is negligible compared to preparation for exposures and in making comparator measurements. I stated that if simplicity was what he desired that he could have stellar exposures made. From stellar exposures it is possible to obtain not only focal length but also radial distortion.

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Declass Review by NIMA/DOD

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d. For "d" I informed him that we were willing to start production, however, before we did, it would be necessary to submit a work request through official channels.

3. My willingness to start production must be tempered by other production problems in the shop. Without going into detail, I believe that we could make a start, i.e. calibrate a camera whenever we get an opportunity. It is not necessary to measure and compute the exposures immediately--this can be accomplished whenever it is convenient or pertinent. I anticipate that once production problems have been worked out it will be possible to have an exposure ready for computation in approximately one hour. Computation time will be negligible.

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PIC/TISD/TIB/ [REDACTED] gl-3591 (6 may 60)

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